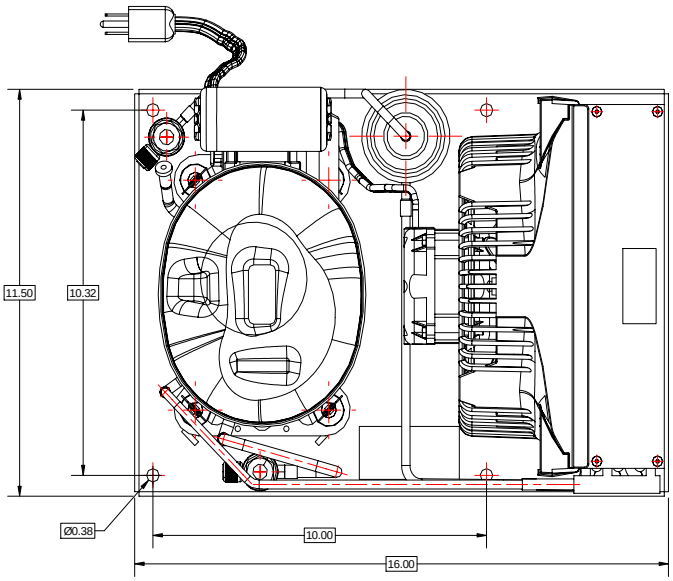
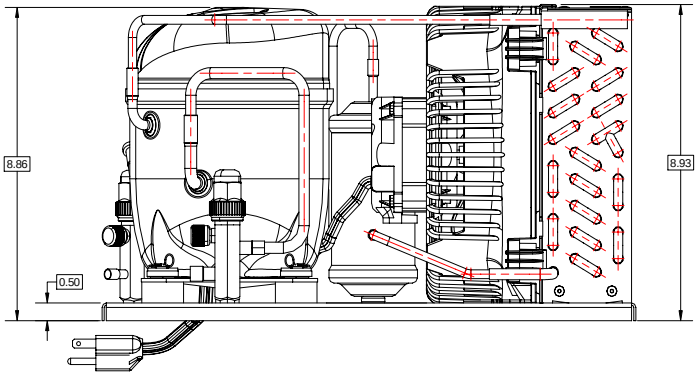
CELSEON® LOW PROFILE CONDENSING UNIT

Model	**AEA2415AABSK, -SB, -SC, -SS**
BOM	**32G326-39S, -49S, -59S, -69S**
Air Cooled	**1/3 HP**
Application	**Low Temp**
Refrigerant	**R12**
Volts-Hz-Ph	**115-60-1**





Model	Dimensions, inches (mm)			Line Connections		Pumpdown	AirFlow	Oil Ch.	Gross weight
	L	W	H	Suction	Liquid	90% @90°F	CFM	Oz.	Lbs (kg)
AEA2415AABSK	16.0 (406)	11.5 (292)	8.9 (226)	1/4" Sweat	1/4" Sweat	n/a	190	10	40.6 (18.4)
AEA2415AABSB						2.47			41.2 (18.7)
AEA2415AABSC				1/4" Valve Sweat	1/4" Valve Sweat				42.0 (19.0)
AEA2415AABSS						n/a			41.4 (18.8)

Factory charge 20 PSIG dry air, **MUST BE EVACUATED**

Evaporator		Ambient Temps															
		80°F				90°F				100°F				110°F			
T, °F	PSIG	BTUH	Watts	Head	Cond T	BTUH	Watts	Head	Cond T	BTUH	Watts	Head	Cond T	BTUH	Watts	Head	Cond T
-40	*11.0"	820	320	100	90	590	310	115	99	480	290	132	108	380	280	150	117
-30	*5.5"	1100	360	105	93	920	350	120	102	830	350	139	111	730	340	157	120
-25	*1.4"	1270	380	107	94	1100	380	123	103	1020	380	143	113	920	370	161	122
-20	0.7	1450	400	110	96	1290	410	127	105	1220	410	147	115	1120	400	166	124
-15	2.6	1640	430	114	98	1500	430	131	107	1430	440	151	117	1330	440	171	126
-10	4.7	1850	460	118	100	**1720**	**460**	**135**	**109**	1660	470	155	119	1550	470	176	128
-5	6.9	2070	480	122	103	1950	490	140	112	1890	500	160	121	1780	500	182	130
0	9.3	2310	510	126	105	2190	520	145	114	2140	530	165	123	2020	540	188	133
5	11.9	2570	540	131	108	2440	560	150	117	2400	560	170	126	2280	570	194	135
10	14.8	2840	580	137	110	2710	590	156	119	2680	590	175	128	2540	600	201	138

Performance @ 60 Hz, Return gas 40°F, SubCooling 5°F
Note: *= Inches of Mercury below 1 Atmosphere

Parts/Specifications

Unit BOM	**32G326-39S**	Condenser	506-G434
Unit MODEL	**AEA2415AABSK**	Shroud	
		Fan Guard	116-002P
Refrigerant	R12	Condenser, Fan Guard Kit	K135-02
Refrigeration RANGE	-40°F to 10°F	Power Cord	85106-10
Design Pressure Low	150		
Design Pressure High	300	Fan Motor	NUT6B09PUN301
Volts - HZ - Ph	115V ~ 60HZ	Fan Motor RLA	0.58
Voltage Range	103.5 - 126.5	Fan Blade	4VEA010
Min. Circuit Ampacity	8.08	Replacement Fan Motor	9W115
Max. Fuse Size	15	Fan Motor, Blade, Guard assy	GFBG-109
Compressor MODEL	AEA2415AAB		
Compressor BOM	AE334AR-944-J7JM		
Compressor LRA	40	**Unit BOM**	**32G326-49S**
Compressor RLA	6	**Unit MODEL**	**AEA2415AABSB**
		Liquid Receiver	51085-1
OverLoad	8300MRTD88		
Replacement Kit - O/L	K90-17	**Unit BOM**	**32G326-59S**
Relay	820RR12B79	**Unit MODEL**	**AEA2415AABSC**
Replacement Kit - Relay	K71-01	Liquid Receiver	51085-1
Run Capacitor		Liquid Valve	56605
Run Capacitor Rating		Suction Valve	56605
Start Capacitor	85PS110C92		
Start Capacitor Rating	270-324 MFD 110V	**Unit BOM**	**32G326-69S**
		Unit MODEL	**AEA2415AABSS**
Unit drawing DGU	DGU1896-G406	Liquid Valve	56605
Electrical Diagram	DEAE-10	Suction Valve	56605